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PATENT  
Attorney Docket No. 510030-143  
(formerly 120-243)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

**Marcus A. Horwitz**

For: ABUNDANT EXTRACELLULAR PRODUCTS AND METHODS FOR THEIR PRODUCTION AND USE

Serial No.: 08/786,533

Art Unit: 1800

Filed: January 21, 1997

Examiner: Rodney P. Swartz, Ph.D.

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**  
**FILED UNDER 37 C.F.R. § 1.97(c)(2)**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Please find attached copies of references which may be material to the examination of the above-identified application. Also attached is PTO Form-1449 listing these references.

Each of the attached references was cited in an International Preliminary Examination Report (IPER) dated February 4, 1997, from the International Preliminary Examining Authority of the United States Patent and Trademark Office in International Application No. PCT/US95/02373, which application is related to the subject application. A copy of the IPER is attached. It is noted that the Examiner of the subject application is also the Authorized Officer of the IPER.

Of the references cited herein, the following have already been submitted to the Patent Office in previously filed Information Disclosure Statements:

- 1) U.S. Patent No. 4,889,800 to Shinnick et al.
- 2) U.S. Patent No. 4,976,958 to Shinnick et al.;
- 3) U.S. Patent No. 5,108,745 to Horwitz;
- 4) Zhang, T., et al. "Genetic Analysis of Superoxide Dismutase, the 23 Kilodalton

11/18/1997 BALEXAND 00000041 08786533 Antigen of *Mycobacterium tuberculosis*." *Molecular Microbiology* 5(2): 381-391 (1991).  
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- 5) Collins, Frank M., et al. "Biological Activity of Protein Antigens Isolated from *Mycobacterium tuberculosis* Culture Filtrate." *Infection and Immunity* 56(5): 1260-1266 (1988).
- 6) Munk, E., et al. "T Cell Responses of Normal Individuals Towards Recombinant Protein Antigens of *Mycobacterium tuberculosis*." *European Journal of Immunology* 18: 1835-1838 (1988).
- 7) Borremans, Martine, et al. "Cloning, Sequence Determination, and Expression of 32-Kilodalton-Protein Gene of *Mycobacterium tuberculosis*." *Infection and Immunity* 57(10): 3123-3130 (1989).

Copies of the above references have been attached as a courtesy.

The filing of this Information Disclosure Statement shall not be construed as a representation that a search has been made or to be an admission that the cited information is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b), as set forth under 37 C.F.R. § 1.97(g) and (h). The filing of this Information Disclosure Statement also shall not be construed as an admission against interest in any manner (see Notice of January 9, 1992, 1135 O.G. 13-25, at 25).

This Information Disclosure Statement is being filed before the mailing date of a Notice of Allowance under 37 C.F.R. § 1.311. A check in the amount of \$240 to cover the fee prescribed under 37 C.F.R. § 1.17(p) is attached.

The Commissioner is authorized to charge any additional fee which may be required in connection with this Information Disclosure Statement, or credit any overpayment, to Deposit Account No. 16-2230.

Respectfully submitted,

  
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Dated: November 12, 1997

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